

SYSTEM AND METHOD FOR DETERMINING THE TRANSMIT
POWER OF A COMMUNICATION DEVICE OPERATING
ON DIGITAL SUBSCRIBER LINES

ABSTRACT OF THE DISCLOSURE

A system for determining the transmit power of a communication device operating on a twisted pair subscriber line includes a communication server coupled to a first subscriber line and a second subscriber line. The communication server comprises a communication device that communicates a signal using the first subscriber line. A memory coupled to the communication server stores noise information and cross-channel-coupling information for the first subscriber line and the second subscriber line. A processor coupled to the memory determines the transmit power of the communication device based upon the noise information and the cross-channel-coupling information.